

JP8104063

Publication Title:

THERMAL TRANSFER SHEET AND IMAGE FORMING METHOD

Abstract:

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PURPOSE: To obtain a thermal transfer sheet, having a suitability for a multi-gradation transfer system and excellent transfer characteristics and imparting an image of a good dot shape, a good gradation reproducibility, and an approximation to a printed matter and to obtain an image forming method using this sheet. **CONSTITUTION:** A thermal transfer sheet is provided with an ink layer containing 30-70wt.% pigment, 25-65wt.%, amorphous organic high polymer of a softening point of 40-150 deg.C, and 0.1-20wt.% nitrogen-containing compound and having a film thickness of 0.2-1.0 μ m. In an image forming method, an image-receiving sheet is overlapped on the ink layer of the thermal transfer sheet, and a transfer image formed of an area gradation of an optical reflective density of 1.0 or more is formed on the image-receiving sheet by pressing a thermal head or by emitting a laser light modified by a digital signal (or by an ablation method by emitting a laser light modified by a digital signal) on the back surface of the thermal transfer sheet. Data supplied from the esp@cenet database - Worldwide

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